





on the species of marine Phanerogamae to be looked for on the coasts. of North America I. On the Aflantic coast 1. Zostera marina L., the common cel-grass. Flowering Tuly fix the warmer May to May to 2. Z. nana Rth., frank absnost every where is the northern temperate zone with the former viz in Europe, the Canarian is land, Japan there fore to be expertated on the seasible of the Allantic states It is easily distinguable from the i-ommon eel-grass by its more delicate growth, its narrower leaves [ 1- 1 lithe wide | disting with a very different nervature, viz a verg strong middle nerve and two also strong escartly marginal ones between which 2-4 secondary ones are found on each side. In the 1 Amnon eel-gr. 3 - 9 frakely to It forimary nerves, none of MISSOURI BOTANICAL

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edges of the leaf, are little stronger than the by numerous secundary ones. In both speciliary the leaves are somewhat emarginated on higher top but not dentocalate. 2. nama fly an love June to from June to front emperoth Un the Gulf voast. een he Beyond The No no Zostera mana, found by Chapman on the West-Florida coast, to Oc esquertaxed 3. Thalassia Les Ludinum Kön. The fast of the Total are somewhat larger than in the commendate eelegrass (/4-1 inch wide) with be the Longitude of the windle which are 2-4 secondar the ones, connected by very numerous trade versal ones (, the areae dotted with darkingely so brown dots and lines), and minutely bot shar ifferent girately top what top, and but on the bunt not MISSOURI

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In her July. The male flower, comparatively large rated, solitary, e. by a bifid spathe, with rated, solitary, e. nan3 (white?) sejeals / jack long, and 9 for 12?) sessite anthers. The fernale flower unknown The front, when, as it is to be supposed, similar to that of the Asiatic Thirsolded Hemprichii, & L=4 seeded rough with green, herbaveous prickles, 2-4 seeded, bars ike into numerous valves. where it flowers submerged or florting 4. Halodule sp. 2 [ seen from the island of the Thomas]; similar to the Zostera nan. bat distinguable by its indistinct seinndarg nerves ogh the beaves tridenta on the top by the exturrent marginal and middle nerves. The middle tooth is blunter Shan the lateral ones. The male flower or of the African H. australis Mig. is a longely stalked anther the eells of which trai are inserted on the stalk in somewhat das different heig the

5. The "Alga janvea of Hoane or Manati grasse / Hist. jam I - Tah 22 fig. 5./ a singular manne plant with creeping rooth and rash-like leaves [ 12 lines wide & Ja inches long we know from the Indian Orea. a similar species (Comodorca aguas isoè folia tribs ) the Westindian plant ought to be looked for III On the Pacific cast Beyond the Lostera manina, found in Unalandha and the Z. nana, found in Tapan 6. Phyllogradisa Coulent closely vomitar in leaves to the Zattern maning, differs by its densely fibrous root (all the species gnothed formerly have creeping roots). The flowers, wanting it almost kverywhere, are similar to the common cel-grass, but diversions, the female on and frait only known, the male to bet for found from the Oregon River to Montercy in Upper Califor 7. 1. serralatas Rupr, closely similar to the former Berling 1 june 1868. By ejected on the shore of fithha or Unalas MISSOURI BOTANICAL copyright reserved cm GARDEN



